

Lesson 6: Tables in Bootstrap 5

What are tables in Bootstrap? How do you create tables in Bootstrap? Let's find out together with TipsMake.com!

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If you're a professional programmer, the concept of tables is probably not unfamiliar to you. However, if you're new to this field, tables might seem quite strange. They're not simply the typical tables; there are many different variations of table creation in programming.

Table - What is a table in HTML programming?

HTML tables are used to present data in a grid format, such as rows and columns. Using Bootstrap, you can easily and quickly improve the visual appeal of your tables.

Bootstrap has long been known as a framework that provides users with high-quality, free open-source web development code. With Bootstrap, you have all the elements to create a complete website, from containers and tooltips to tables. In this Bootstrap lesson, we will explore tables in detail, including how to create basic tables and other related issues.

Table elements

Bootstrap provides a clean layout for building tables. Some of the table elements supported by Bootstrap are:

1. - A wrapper element to display data in table format.
2. - A container for table header rows () to label the columns in the table.
3. - The container for the table rows () in the table content.
4. - The container for a set of table cells (or) that appear on a row.
5. - Default table cell.
6. - Special table cells for column (or row, depending on the range and location) labels. Must be used in
7. - Describe or summarize what the table contains.

Basic table

Basic tables in Bootstrap 5 will have some padding and horizontal dividers. The `.table` class adds basic styling to the table, as shown in the example below.

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Basic table

The `.table` class adds basic styling to the table, a little padding, and horizontal lines:

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

The code above will produce the following table:

Bảng cơ bản		
Class <code>.table</code> class thêm kiểu cơ bản cho bảng, 1 chút padding và dòng kẻ ngang:		
Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Color alternating rows

If you want to make the rows in the table easier to read by using alternating colors, simply add the `.table-striped` class as shown in the example below:

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Alternating color palette

The `.table-striped` class adds alternating colors to the rows in a table:

Surname Name Year old

Nguyen Jolie 25

Surname Name Year old

Bare Peace 26

High Duyen 27

A table with alternating colored rows would look like this:

Bảng màu xen kẽ

Class `.table-striped` thêm màu xen kẽ cho các hàng trong bảng:

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Add borders to the table.

If you want to add a border to every cell in the table, simply use the `.table-bordered` class as follows:

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Add a border to the board.

The `.table-bordered` class will add a border to every cell in the table.

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

A table with the class `.table-bordered` would look like this:

Thêm viền cho bảng

Class `.table-bordered` sẽ thêm viền cho mọi ô trong bảng:

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

The item changes color when you move the mouse.

To add a color-changing effect when you hover over a row, use the `.table-hover` class. The rows in the table that are hovered over will then have their background color change to gray, as shown in the example below:

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The item changes color when you hover your mouse over it.

The `.table-hover` class will indicate which row is being hovered over by adding a gray background color to the row:

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

When you hover your mouse over a row, the row will be colored as shown below:

Hàng đổi màu khi di chuột qua

Class `.table-hover` sẽ chỉ ra hàng nào đang được di chuột, bằng cách thêm màu nền xám cho hàng:

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Dark color palette, black

If you want your table to have a black background and white text, use the `.table-dark` class as shown below:

Ví dụ? [Bootstrap - TipsMake.com.com](https://www.bootstrap-tips.com/)

Black background board

The `.table-dark` class will add a black background to the table:

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

A whiteboard with a black background would look like this:

Bảng nền đen

Class `.table-dark` sẽ thêm nền đen cho bảng:

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

The black background changes color when you hover your mouse over it.

Quite simply, to create this type of table, you just need to combine two classes: `.table-dark`` and `.table-hover``. Rows that are hovered over will then turn gray, as shown in the example below:

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The black background changes color when you move the mouse cursor.

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

Running the code above will produce a table like this:



Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyen	27

Similarly, to create a black table with alternating rows of black and black background colors, you can combine the `.table-dark`` and `.table-striped`` classes .

Create a borderless table in Bootstrap

The `.table-borderless`` class will remove all borders around the cells of a table. Try the example below to see the result:

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Borderless board

Surname Name Year old

Nguyen Jolie 25

Surname Name Year old

Bare Peace 26

High Duyen 27

The table created will have no borders at all:

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Table by context

Context classes are used to color entire tables, rows, or cells . These include: **.table-primary** , **.table-success** , **.table-info** , **.table-warning** , **.table-danger** , **.table-active** , **.table-secondary** , **.table-light** , and **.table-dark** .

If you learned about color in Bootstrap in the previous lesson, you'll find these classes very familiar, right?

Ví d? Bootstrap - QuanTriMang.com

Contextual Color Palette

Context classes are used to color entire tables, rows, or cells.

Describe Class Name

Default	Default
Primary	table-primary
Solar	table-success
Danger	table-danger
Info	table-info
See	table-warning
Active	table-active
Middle	table-secondary
Light	table-light
Dark	table-dark

The following context classes can be used and their corresponding colors:

Bảng theo ngữ cảnh

Các class ngữ cảnh được sử dụng để tô màu cho toàn bộ bảng, hàng hoặc ô.

Mô tả	Tên Class
Mặc định	Mặc định
Primary	table-primary
Success	table-success
Danger	table-danger
Info	table-info
Warning	table-warning
Active	table-active
Secondary	table-secondary
Light	table-light
Dark	table-dark

Color the table header.

To add a background to the table header row, you can use any context table class inside the **tag** :

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Color the header row

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

The colored header row would look like this:

Tô màu hàng tiêu đề

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Note : On Bootstrap 4, instead of using `table-.`, you will use the `.thead-dark` class (to create a dark header) and `.thead-light` (to create a light header).

Create a small table

The `.table-sm` class creates a smaller table by halving the padding of the cells:

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Create a small table

Surname Name Year old

Nguyen Jolie 25

Bare Peace 26

High Duyen 27

The board will have its padding reduced and will look like this:

Tạo bảng nhỏ

Họ	Tên	Tuổi
Nguyễn	Jolie	25
Trần	Hòa	26
Cao	Duyên	27

Adaptation board

The `.table-responsive`` class will add scroll bars to the table when needed, typically when the table width exceeds the display screen width.

For example:

Adaptation board

#	Surname	Name	Year old	City	Country	Sex	A	B	C	D	E	F	G	H	I	K	L	M
1	Nguyen	Gem	35	Tien Giang	Vietnam	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male

When the table is wider than the viewing screen, you will see a horizontal scroll bar at the bottom of the table, as shown in the image:

Bảng thích ứng

#	Họ	Tên	Tuổi	Thành phố	Đất nước
1	Nguyễn	Ngọc	35	Tiền Giang	Việt Nam



You can decide when to add scroll bars to the table based on the screen width:

Class	Screen width
.table-responsive-sm	576px
.table-responsive-md	768px
.table-responsive-lg	992px
.table-responsive-xl	1200px
.table-responsive-xxl	1400px

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